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ALLIA Accredited Laboratory # 80

Report Issued To:

Report Date: 07/18/2001
Date Samples Received: 07/11/2001
Work Order: 2001070160

Location Sampled: DFOH
Sample Submitter:

Sample ID	Sample Description	Results
<u>Volatile organics by GC/MS</u>		
15860	Area –Office 15860	
15706	Area – Office 15706	
15724	Area-control-confirm 15724	

COMMENTS:

Volatile Organic air samples were desorbed with carbon disulfide and analyzed by Gas Chromatography/Mass Spectrometry (GC/MS). Compounds with an instrument response lower than the toluene Limit of Quantitation (LOQ) of 0.001 uL/ml, were not identified. Analysis was based on an assumption of 100 % desorption efficiency for all compounds. The compound with the greatest instrument response was quantified by GC/MS and the results reported in milligrams per cubic meter (mg/m3).

Although GC/MS can identify many common organic solvents, the collection and identification of all organic components in a sampling environment cannot be assured by a single sampling media or one analytical technique.

For reference purposes, the analysis would detect 0.9 micrograms of toluene per small charcoal tube (226-01) or organic vapor monitor and 3 micrograms of toluene per large charcoal tube (226-09).

15860	Methylene chloride was detected at the level of 3. mg/m3.
15706	No compounds above the LOQ were detected.
15724	No compounds above the LOQ were detected.

Microscopic Examination

MP352 Conf. Table Surface
MP381 Desk 15860
MP392 Window sill 15860
MP391 Desk 15706
MP361 Top of File Cabinet 15706

MP352 Identification of bulk materials by Polarized Light Microscopy.

The reported data relate only to the samples that were received by The Travelers Loss Prevention and Engineering Laboratory.

The following were detected:

MP381 Cellulose and dust
MP392 Cellulose, synthetic fibers and dust
MP391 Cellulose, synthetic fibers and dust
MP361 Cellulose, synthetic fibers and dust

Please note that fibrous glass was not detected in any of the above samples.

<u>Analyte</u>	<u>Media type</u>	<u>LOQ</u>	<u>Reference Method</u>	<u>Analysis Date</u>
Microscopic Examination	Wipe		Modified EPA Method for ID of Bulk Insulation Materials	07/18/2001
Volatile organics by GC/MS 226-09			Gas Chromatography/Mass Spectrometry -In House Method	07/13/2001

Please Note: The limits of quantitation (LOQs) listed are: for normally processed samples. Sample requiring special processing (i .e. dilutions) may have elevated LOQs.

N.A. = Not Applicable

WORKORDER COMMENTS:

The reported data relate only to the samples as received by the Laboratory. The reported air concentrations have been calculated using information supplied by the customer and have NOT been adjusted to represent a Time Weighted Average (TW A). "L T" indicates less than the limit of quantitation (LOQ). The contaminant mayor may not be present at levels below this concentration.

Approved by:

Marcel F. Baril, Laboratory Manager

Report Issued To:

Report Date: 07/26/2001
Date Samples Received: 07/18/2001
Work Order: 20010701300

Location Sampled: DFOH
Sample Submitter:

Sample ID	Sample Description	Results
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Volatile organics by GC/MS

15860	Area office 15860 –post cleaning
15706	Areas office 15706 – post cleaning
15724	Area conf. Rm.-control

COMMENTS:

Volatile Organic air samples were desorbed with carbon disulfide and analyzed by Gas Chromatography/Mass Spectrometry (GC/MS). Compounds with an instrument response lower than the toluene Limit of Quantitation (LOQ) of 0.001 uL/mL were not identified. Analysis was based on an assumption of 100 % desorption efficiency for all compounds. The compound with the greatest instrument response was quantified by GC/MS and the results reported in milligrams per cubic meter (mg/m³).

Although GC/MS can identify many common organic solvents, the collection and identification of all organic components in a sampling environment cannot be assured by a single sampling media or one analytical technique.

For reference purposes, the analysis would detect 0.9 micrograms of toluene per small charcoal tube (226-01J) or organic vapor monitor and 3 micrograms of toluene per large charcoal tube (226-09).

15860	Identified Methylene chloride which was present at the level of 3.mg/m ³
15706	No compounds above the LOQ were detected.
15724	No compounds above the LOQ were detected.

Microscopic Examination

MP 372	Conference Table rm. 15724
MP 351	Desk rm. 15860-post cleaning
MP 362	Window sill 15860-post cleaning
MP 371	Desk rm. 15706-post cleaning
MP 382	File cabinet 15706-post cleaning
MP 372	Identification of bulk materials by Polarized Light Microscopy

The reported data relate only to the samples that were received by The Travelers Loss Prevention and Engineering Laboratory

The following were detected:

- Cellulose
- Dust

MP 351 - Cellulose
 - Synthetic Fibers
 - Hair
 - Dust

MP 362 - -Cellulose
 -Dust

MP 371 -Cellulose
 -Dust

MP 382 -Cellulose
 - Synthetic Fibers
 - Hair
 -Dust

Please note that fibrous glass was not detected in any of the wipe samples submitted for analysis.

<u>Analyte</u>	<u>Media type</u>	<u>LOQ</u>	<u>Reference Method</u>	<u>Analysis Date</u>
Microscopic Examination	Wipe		Modified EPA Method for ID of Bulk Insulation Materials	7/24/2001
Volatile organics by GC/MS	226-09		Gas Chromatography/ Mass Spectrometry – In House Method	7/25/2001

Please Note. The limits of quantitation (LOQs) listed are for normally processed samples. Sample requiring special processing (i.e. dilutions) may have elevated LOQs.

NA. = Not Applicable

WORKORDER COMMENTS:

The reported data relate only to the samples as received by the Laboratory. The reported air concentrations have been calculated using information supplied by the customer and have NOT been adjusted to represent a Time Weighted Average (TW A). "L T" indicates less than the limit of quantitation (LOQ). The contaminant may or may not be present at levels below this concentration.

Approved by:
Marcel F Baril, Laboratory Manager

<u>Analyte</u>	<u>Media type</u>	<u>LOQ</u>	<u>Reference Method</u>	<u>Analysis Date</u>
Microscopic Examination	Wipe		Modified EPA Method for ID of Bulk Insulation Materials	7/24/2001
Volatile organics by GC/MS	226-09		Gas Chromatography/ Mags Spectrometry – In House Method	7/25/2001

Please Note. The limits of quantitation (LOQs) listed are for normally processed samples. Sample requiring special processing (i.e. dilutions) may have elevated LOQs.
NA. = Not Applicable

WORKORDER COMMENTS:

The reported data relate only to the samples as received by the Laboratory. The reported air concentrations have been calculated using information supplied by the customer and have NOT been adjusted to represent a Time Weighted Average (TWA). "LT" indicates less than the limit of quantitation (LOQ). The contaminant may or may not be present at levels below this concentration.

Approved by:
Marcel F Baril, Laboratory Manager

